

Figure 1 : Spectrum of simulation of typical digital amplifier output.

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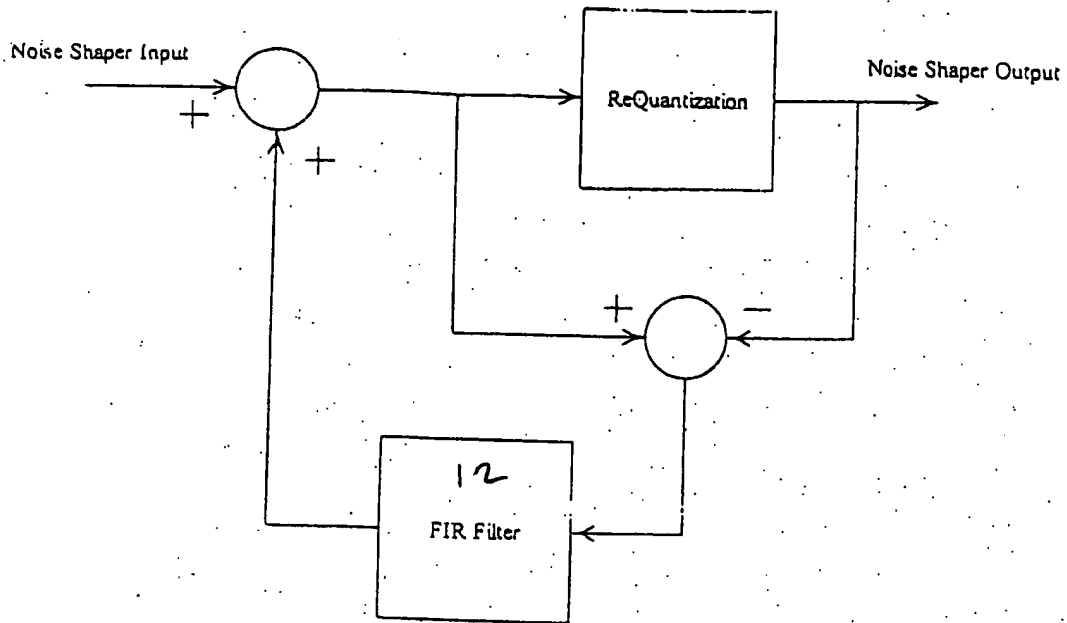


Figure 2 : Flow diagram of typical Noise-Shaper used in digital amplifier.

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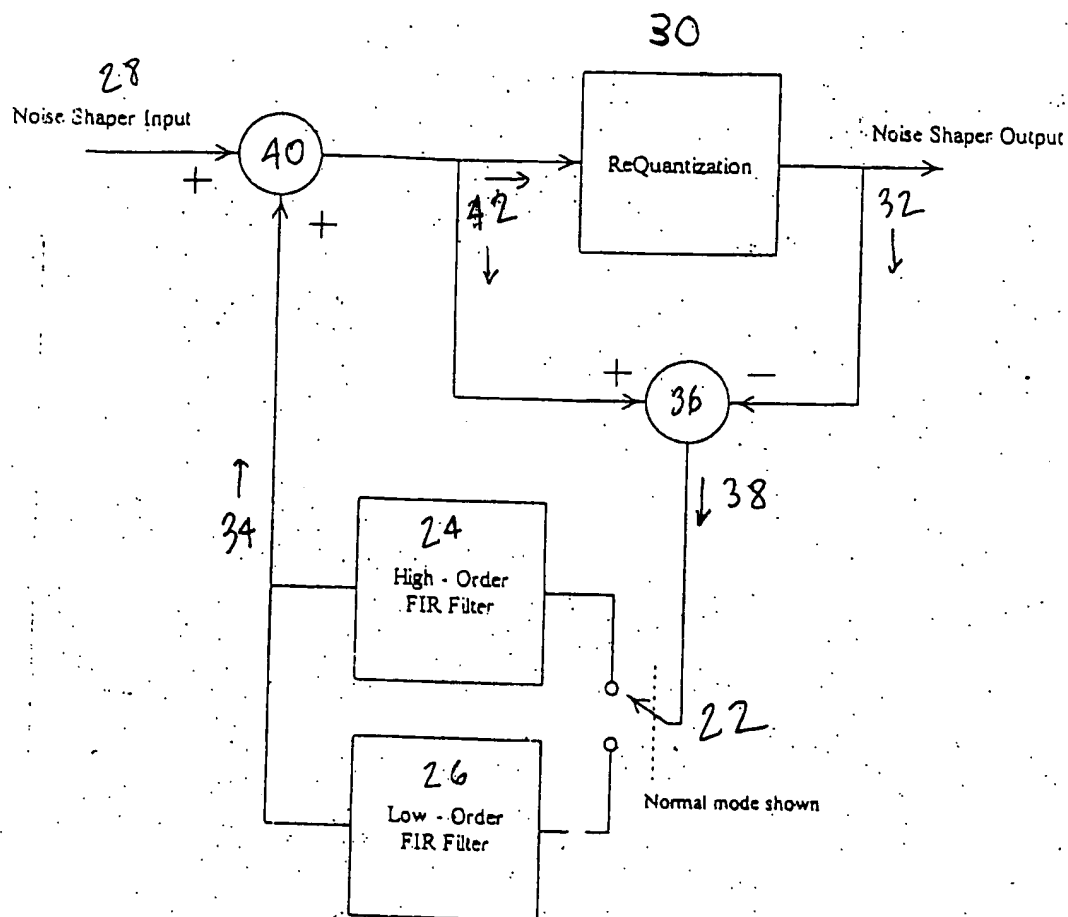
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Figure 3: Modified Noise Shaper Flow Diagram showing selection of High and Low order FIR filters.

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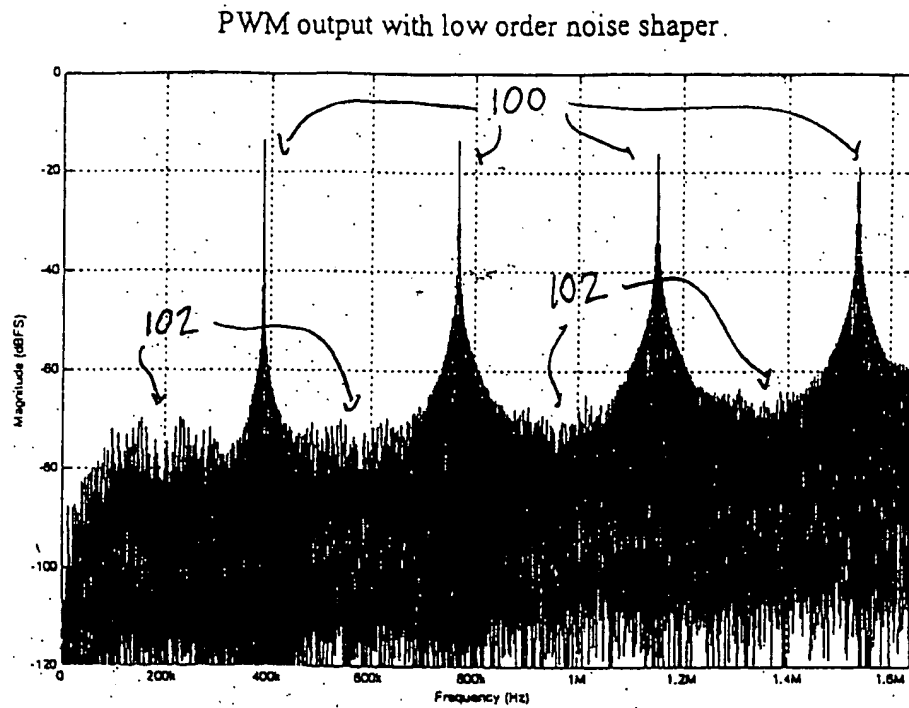
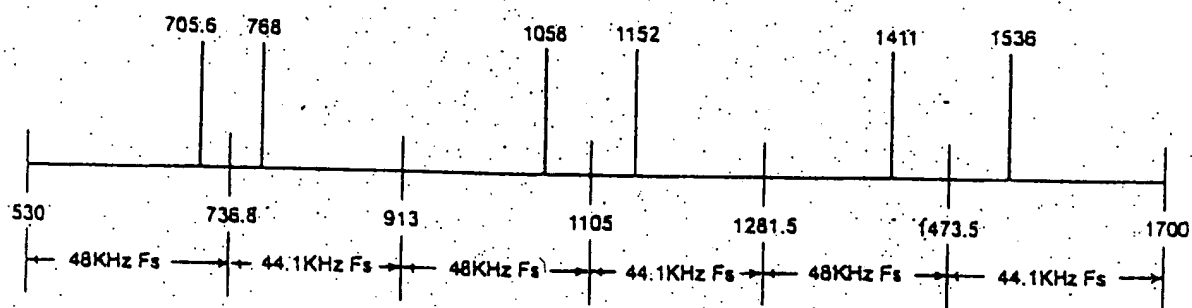


Figure 4 : Spectrum of simulation of digital amplifier output with modified Noise Shaper.

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Figure 5 Sample rate  $F_s$  vs. Tuned Frequency

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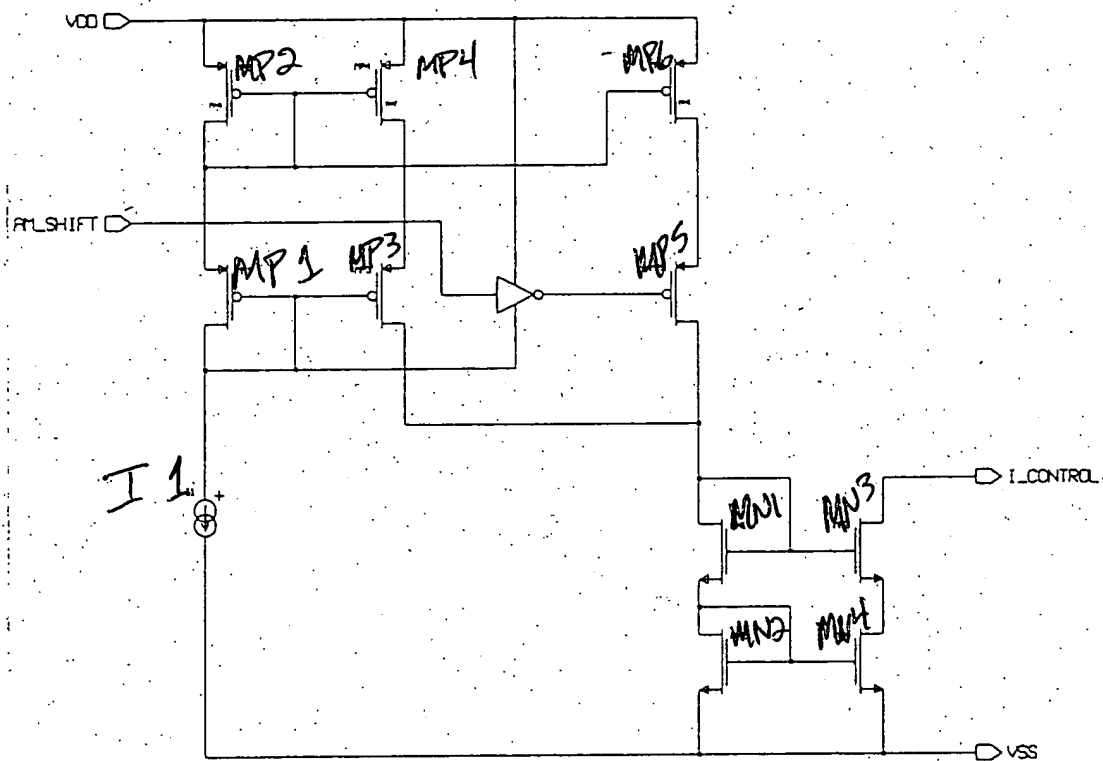


FIG. 6

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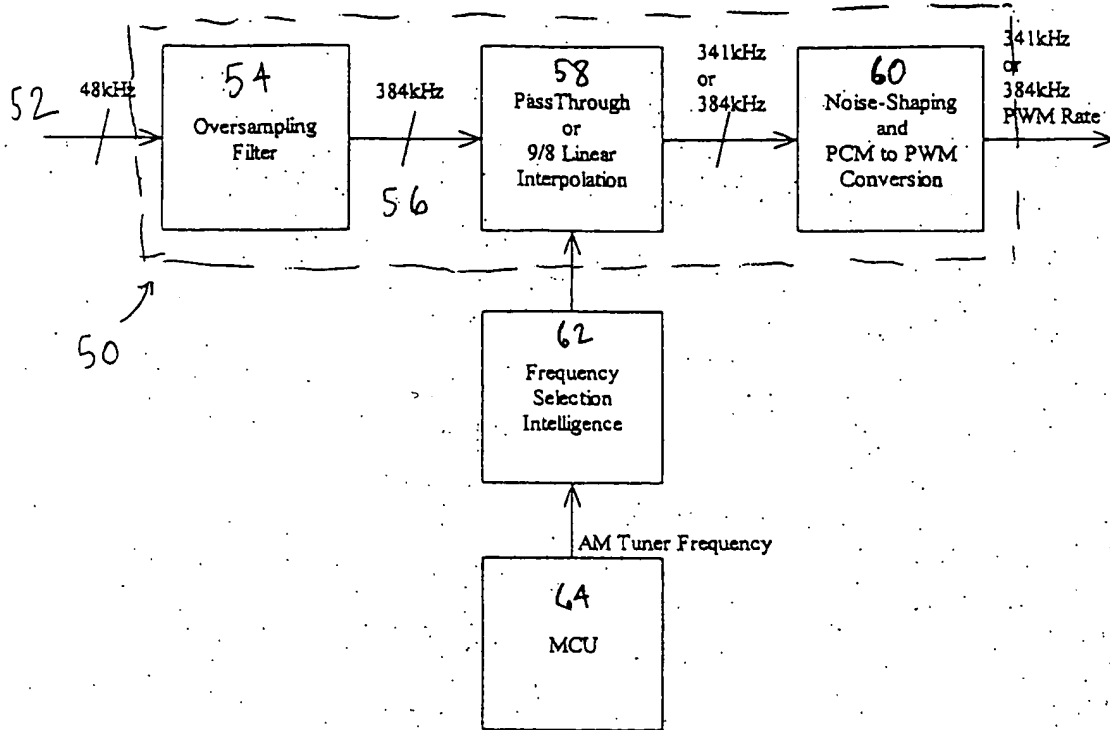


FIG. 7

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